



NOV 17 2003

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

**U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**

**TRADE** Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

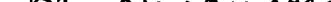
(use as many sheets as necessary)

Sheet 1 of 2

<i>Complete if Known</i>	
Application Number	10/620,003
Filing Date	July 14, 2003
First Named Inventor	Akram et. al.
Group Art Unit	2812 2823
Examiner Name	Unknown Kieran D. Auger
Attorney Docket Number	2269-3521.SUS (97-985.05/USA)

## **U.S. PATENT DOCUMENTS**

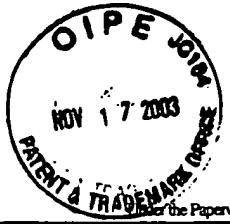
## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	02/11/04
-----------------------	-------------------------------------------------------------------------------------	--------------------	----------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

**U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**

The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet 2 of 2

<i><b>Complete if Known</b></i>	
Application Number	10/620,003
Filing Date	July 14, 2003
First Named Inventor	Akram et. al.
Group Art Unit	2812-2823
Examiner Name	Unknown Khien Nguyen
Attorney Docket Number	2269-3521.SUS (97-985 OS/LIS)

#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Signature	15 L. S. M. M.	Date Considered	02 / 11 / 04
-----------------------	----------------	--------------------	--------------

**'EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)		Docket Number (Optional) 3521.5US (97-0985.05/US)	Application Number: T be assigned
		Applicants: Akram et al.	10/620, 003
		Filing Date: June 14, 2003	Group Art Unit: To be assigned 2823

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KN	4,178,605	12/1979	Hsu et al.			
KN	4,305,200	12/1981	Fu et al.			
KN	4,348,628	04/1983	Levinstein et al.			
KN	4,374,700	02/1983	Scott et al.			
KN	4,378,628	04/1983	Levinstein et al.			
KN	4,470,189	09/1984	Roberts et al.			
KN	4,502,209	03/1985	Eizenberg et al.			
KN	4,502,210	03/1985	Okumura et al.			
KN	4,545,116	10/1985	Lau			
KN	4,570,328	02/1986	Price et al.			
KN	4,593,454	06/1986	Baudrant et al.			
KN	4,631,806	12/1986	Poppert et al.			
KN	4,713,358	12/1987	Bulat et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
KN	04-307934	10/1992	Japan				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
<i>KL lemnayn</i>	02/11/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 3521.5US (97-0985.05/US)	Application Number: To be assigned
		Applicants: Akram et al.	10/620,003
		Filing Date: Jun 14, 2003	Group Art Unit: To be assigned 2823

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KN	4,716,128	12/1987	Schubert et al.			
KN	4,804,636	02/1989	Groover, III et al.			
KN	5,064,683	11/1991	Poon et al.			
KN	5,066,615	11/1991	Brady et al.			
KN	5,268,590	12/1993	Pflester et al.			
KN	5,369,055	11/1994	Chung			
KN	5,371,041	12/1994	Liou et al.			
KN	5,384,285	01/1995	Sitaram et al.			
KN	5,385,634	01/1995	Butler et al.			
KN	5,444,018	08/1995	Yost et al.			
KN	5,510,292	04/1996	Hayashi			
KN	5,525,543	06/1996	Chen			
KN	5,536,684	07/1996	Dass et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
----------	-----------------

*Khurana, J.*

DATE CONSIDERED

62/11/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>			Docket Number (Optional) 3521.5US (97-0985.05/US)	Application Number: T b assign d 10/620,003		
			Applicants: Akram et al.			
			Filing Date: June 14, 2003	Group Art Unit: To-be-assigned 2823		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KW	5,567,651	10/1996	Berti et al.			
KN	5,612,250	03/1997	Ohtani et al.			
KN	5,661,344	08/1997	Havemann et al.			
KN	5,665,641	09/1997	Shen et al.			
KN	5,691,212	11/1997	Tsai et al.			
KN	5,691,225	11/1997	Abiko			
KN	5,696,017	12/1997	Ueno			
KW	5,718,800	02/1998	Juengling			
KN	5,780,349	06/1998	Naem			
KN	5,847,463	12/1998	Trivedi et al.			
KN	5,913,139	06/1999	Hashimoto et al.			
KN	5,942,446	08/1999	Chen et al.			
KN	5,981,380	11/1999	Trivedi et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						YES
						NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>						
EXAMINER		DATE CONSIDERED				
<i>[Signature]</i>		02/11/04				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

Sheet 4 of

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)			Docket Number (Optional) 3521.5US (97-0985.05/US)	Application Number: T_b_e_a_s_g_n_e_d	
			Applicants: Akram et al.	10/6/2003	
			Filing Date: June 14, 2003	Group Art Unit: T_b_e_a_s_g_n_e_d 2823	
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
KN	6,107,096	08/2000	Mikagi		
KN	6,107,190	08/2000	Taguwa et al.		
KN	6,169,025 B1	01/2001	Kuo		
KN	6,197,646 B1	03/2001	Goto et al.a		
KN	6,235,630	05/2001	Akram et al.		
KN	6,410,420	06/2002	Akram et al.		

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.